

Abstract of the Disclosure

A method and apparatus for precisely controlling the area and accuracy of total radiation dose exposure of an article to be irradiated. In accordance with the method of the invention, the article to be irradiated is not exposed to ultra-violet radiation until the ultra-violet radiation sources of the apparatus have reached a maximum level of radiation output. Additionally, the apparatus is constructed and arranged so that the ultra-violet radiation impinging on the article can be instantly stopped thereby permitting a precise determination of the radiation dose to which the article has been exposed. To accomplish this, a source of radiation is disposed proximate the support that supports the article and a novel shutter arrangement is disposed between the support and the source of radiation for positively preventing any radiation from reaching the article until the shutter apparatus is moved to an open position.

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